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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/599,036

09/18/2006

Teruo Amoh

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7590

10/20/2009

DARBY & DARBY P.C.

P.O. BOX 770

Church Street Station

New York, NY 10008-0770

EXAMINER

BELOUSOV, ALEXANDER

ART UNIT

PAPER NUMBER

2894

MAIL DATE

DELIVERY MODE

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PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments filed on 09/18/2009 have been fully considered but they are not persuasive.
2. **Regarding claim 1**, the Applicant argues on pages 5 and 6 that the Ishii does not teach a *metal film* with particular roughness and particle diameter, but teaches a *substrate* instead having certain "surface roughness" and "flatness".

The Applicant is almost correct. The Ishii reference does not *explicitly state* the claimed limitations for the metal film. As the Examiner makes clear in his rejection, the claimed invention is obvious in light of the Ishii reference, and is not anticipated by it. In his obviousness rejection the Examiner relies on teachings and suggestions provided by Ishii and by the Japanese Industrial standards discussed in Ishii, in order to make his obviousness rejection. All of the Applicant's arguments that follow hinge on the above point. Again, the Examiner relies on *clearly stated* suggestions and teachings of Ishii, in order to explain why the metal film would benefit from the teachings with regard to the substrate.

### ***Conclusion***

1. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Belousov whose telephone number is 571-270-3209. The examiner can normally be reached on Monday - Thursday 7:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Nguyen can be reached on 571-272-2402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2894

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/Alexander Belousov/  
Examiner, Art Unit 2894  
10/14/2009

/Kimberly D Nguyen/  
Supervisory Patent Examiner, Art Unit 2894